

Converting Colors

CIELCh(24, 25.821, 325.073)

Have a look what the booklet for
CIELCh(24, 25.821, 325.073)
contains.

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Color

CIELCh(24, 25.740, 324.774)

Conversions

Conversions Part 1

Format	Color
Hex	4E2E50
RGB	78, 46, 80
RGB Percent	31%, 18%, 31%
CMY	0.6957, 0.8211, 0.6879
CMYK	0.03, 0.43, 0.00, 0.69
HSL	296°, 27%, 25%
HSV	296°, 43%, 31%
XYZ	5.5039, 4.1002, 8.0130
YIQ	59.4440, 8.1580, 17.3580

Conversions

Conversions Part 2

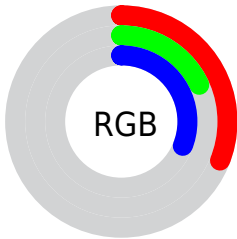
Format	Color
R_{YB}	78, 46, 80
Decimal	5123664
CIE _{Lab}	24.00, 21.03, -14.85
CIE _{LCh}	24, 25.740, 324.774
Yxy	4.1002, 0.3124, 0.2327
Android (android.graphics.Color)	4283313744 (0xFF4E2E50)
YUV	59.4440, 10.1341, 16.2736
Hunter-Lab	20.2490, 13.0825, -9.2882

Details

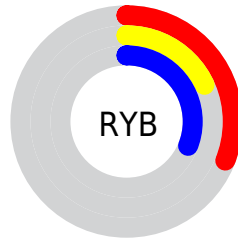
The CIELCh color $24, 25.740, 324.774$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $31, 25.666, 140.206$, and the grayscale version is $25, 0.004, 296.813$.

A 20% lighter version of the original color is $44, 25.413, 325.106$, and $4, 25.739, 325.704$ is the 20% darker color. If you saturate the color by 10%, you get $22, 31.388, 325.167$, and if you desaturate by 10%, it is $26, 19.812, 324.344$.

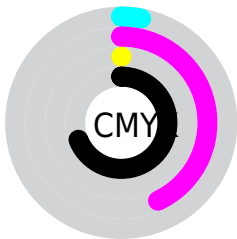
Distribution



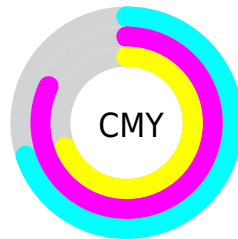
- Red (31%)
- Green (18%)
- Blue (31%)



- Red (31%)
- Yellow (18%)
- Blue (31%)



- Cyan (3%)
- Magenta (43%)
- Yellow (0%)
- Black (69%)





- Cyan (70%)
- Magenta (82%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 24, 25.740, 324.774 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 24, 25.740, 324.774 by changing the saturation by 10% instead.

 24, 25.740,
324.774


 24, 25.740,
324.774

 100, 25.740,
324.774


 14, 25.740,
324.774


 44, 25.740,
324.774

 4, 25.740, 324.774

 54, 25.740,
324.774

 0, 25.740, 324.774

 64, 25.740,
324.774

 74, 25.740,
324.774

 84, 25.740,
324.774

 94, 25.740,

324.774

■ 24, 25.740,
324.774

■ 24, 25.740,
324.774

■ 22, 31.388,
325.167

■ 26, 19.812,
324.344

■ 20, 36.584,
325.504

■ 28, 13.750,
323.890

■ 19, 41.126,
325.770

■ 31, 7.658, 323.421

■ 17, 44.818,
325.945

■ 33, 1.612, 322.898

■ 17, 47.682,
326.038

■ 36, 4.337, 142.552

■ 16, 49.816,
326.117

■ 38, 10.157,
142.096

■ 41, 15.832,
141.670

■ 43, 21.350,
141.267

■ 46, 26.711,
140.887

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



24, 25.740, 324.774



31, 25.666, 140.206

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



24, 25.740, 324.774



24, 25.740, 14.774



24, 25.740, 144.774



24, 25.740, 194.774

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



24, 25.739, 324.774



40, 9.838, 323.459



21, 21.429, 292.726



20, 6.945, 323.527



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24, 25.739, 324.774



30, 38.055, 325.174



24, 19.546, 343.715



15, 3.436, 323.232



22, 60.189, 326.039



53, 107.968, 325.889

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



23, 16.782, 18.694



28, 25.741, 20.419



31, 18.946, 156.579



15, 2.023, 15.016



20, 50.307, 33.924



49, 95.039, 38.188

Previews

White Background



This preview shows how the CIE LCh color 24, 25.740, 324.774 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIE LCh color 24, 25.740, 324.774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

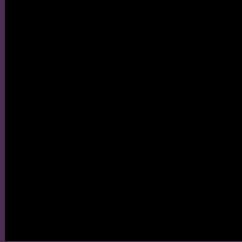
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 24, 25.740, 324.774

Background



This preview shows how black text looks on a background with the CIELCh color 24, 25.740, 324.774.



This preview shows how white text looks on a background with the CIELCh color 24, 25.740, 324.774.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

24, 25.740, 324.774

Protanopia

24, 21.333, 285.191

Deuteranopia

24, 13.974, 285.102



Tritanopia
24, 11.204, 8.262

Trichromacy



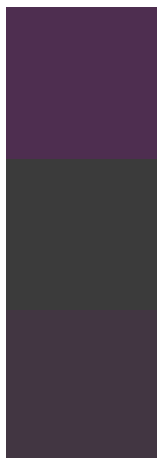
Original Color
24, 25.740, 324.774

Protanomaly
24, 22.086, 299.510

Deuteranomaly
24, 17.627, 304.085

Tritanomaly
24, 15.240, 342.379

Monochromacy



Original Color
24, 25.740, 324.774

Achromatopsia
25, 0.004, 296.813

Achromatomaly
24, 9.581, 325.305

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 25.740, 324.774 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(78, 46, 80)` looks like.

```
.text, #text, p{  
    color:rgb(78, 46, 80)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(78, 46, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 46, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 25.740, 324.774 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(78, 46, 80) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(78, 46, 80) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(78, 46, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 46, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 46, 80);  
box-shadow:4px 4px 4px 4px rgb(78, 46, 80)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 24, 25.740, 324.774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 46, 80) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(78, 46,  
80) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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